

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits     | Search Query   | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|----------|--|---|------------------|---------|---------------------|
| L1    | 20880900 | @ad<="19990802" or<br>@rlad<="19990802" or<br>@ptad<="19990802" or<br>@pt1d<="19990802" or<br>@pt3d<="19990802"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:13 |
| L2    | 2        | "5649000".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:13 |
| L3    | 2        | "5937353".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:13 |
| L4    | 2229     | (handoff (hand adj (over off))<br>handover) same ((base near3<br>station\$4) near6 measur\$4)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:43 |
| L5    | 765      | 1 and 4  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:44 |
| L6    | 304      | (handoff (hand adj (over off))<br>handover) same ((base near3<br>station\$4) near6 measur\$4)<br>same (bsc ((base network<br>radio) near3 controller) rnc) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:46 |
| L7    | 107      | 1 and 6  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>18:46 |
| L8    | 8        | (handoff (hand adj (over off))<br>handover) same ((base near3<br>station\$4) near12 measur\$4<br>near12 (releas\$4 (un adj<br>register\$4)) )              | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>19:36 |
| L9    | 45       | ((base near3 station\$4) near12<br>measur\$4 near12 (releas\$4 (un<br>adj register\$4)) )  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2011/01/02<br>19:36 |

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| L10 | 12       | 1 and 9   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/01/02<br>19:37 |
| L11 | 667      | ((base near2 station\$4) adj6<br>measur\$4 near12 (handoff<br>(hand adj (off over))<br>handover))               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/01/02<br>19:42 |
| L12 | 269      | 1 and 11  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/01/02<br>19:42 |
| L13 | 2        | "6912230".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/01/02<br>19:45 |
| L14 | 1        | (PITTAMPALLI near2 ESHWAR).<br>in. and (register\$4 unregister<br>\$4).clm.                                     | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2011/01/02<br>21:49 |
| S1  | 0        | 09/365678   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>18:51 |
| S2  | 2        | "5633888".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>18:51 |
| S3  | 2        | "5649000".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:10 |
| S4  | 18378475 | @ad<="19990802" or<br>@rlad<="19990802" or<br>@ptad<="19990802" or<br>@pt1d<="19990802" or<br>@pt3d<="19990802" | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:10 |
| S5  | 2        | "20060105808"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:11 |
| S6  | 2        | "20050197127"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:12 |

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| S7  | 2    | "20060026422"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:16 |
| S8  | 2    | "20020136214"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:16 |
| S9  | 2    | "20060240849"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:21 |
| S10 | 2    | "20010018336"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>19:23 |
| S11 | 900  | (frequency\$4 near3 hop\$4)<br>with ((allocat\$4 assign\$6)<br>near4 (channel\$4 frequency<br>\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:12 |
| S12 | 359  | S4 and S11   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:12 |
| S13 | 6264 | request\$4 near9 ((allocat\$4<br>assign\$6) near4 (channel\$4<br>frequency\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:14 |
| S14 | 3291 | S4 and S13   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:13 |
| S15 | 1094 | request\$4 near9 ((allocat\$4<br>assign\$6) near4 (channel\$4<br>frequency\$4)) near10 ((base<br>near2 station) (access near3<br>point\$4))                | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:15 |
| S16 | 31   | request\$4 near9 ((allocat\$4<br>assign\$6) near4 (second near3<br>(channel\$4 frequency\$4)))<br>near10 ((base near2 station)<br>(access near3 point\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:21 |
| S17 | 13   | S4 and S16   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:16 |

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| S18 | 121      | (first near3 (channel\$4 frequency\$4)) near9 ((allocat\$4 assign\$6) near4 (second near3 (channel\$4 frequency\$4))) near10 ((base near2 station) (access near3 point\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:26 |
| S19 | 67       | S4 and S18  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:21 |
| S20 | 2        | (hop\$4 near3 frequency\$4) near9 ((allocat\$4 assign\$6) near4 (second near3 (channel\$4 frequency\$4))) near10 ((base near2 station) (access near3 point\$4))             | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:27 |
| S21 | 4        | (hop\$4 near3 frequency\$4) near9 ((allocat\$4 assign\$6) near4 (second near3 (channel\$4 frequency\$4))) with ((base near2 station) (access near3 point\$4))               | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:11 |
| S22 | 37       | (hop\$4 near3 frequency\$4) near9 (second near3 (channel\$4 frequency\$4)) with ((base near2 station) (access near3 point\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:28 |
| S23 | 48       | (hop\$4 near3 frequency\$4) with (second near3 (channel\$4 frequency\$4)) with ((base near2 station) (access near3 point\$4))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>20:28 |
| S24 | 33       | S4 and S23  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/19<br>21:26 |
| S25 | 2        | "6295310".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>11:23 |
| S26 | 2        | "6393261".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>11:23 |
| S27 | 18378475 | @ad<="19990802" or<br>@rlad<="19990802" or<br>@ptad<="19990802" or<br>@pt1d<="19990802" or<br>@pt3d<="19990802"   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:10 |

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| S28 | 4  | (hop\$4 near3 frequency\$4) near9 (power\$4 strength\$4 noise\$4) with ((next adjacent\$4) near5 ((base near2 station) (access near3 point\$4)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:14 |
| S29 | 3  | S27 and S28   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:13 |
| S30 | 12 | (hop\$4 near3 frequency\$4) near9 (power\$4 level\$4 threshold\$4 signal\$4 strength\$4 noise\$4) with ((next adjacent\$4) near5 ((base near2 station) (access near3 point\$4)))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:16 |
| S31 | 6  | S27 and S30   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:14 |
| S32 | 11 | (hop\$4 near3 frequency\$4) near9 ((signal near3 ratio) or SNR (bit near3 rate) or (signal near3 interference) or (carrier near3 interference) or (I adj C) RSSI power signal bandwidth or (speed near2 data) or (quality near3 service)) with ((next adjacent\$4) near5 ((base near2 station)(access near3 point\$4))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:18 |
| S33 | 22 | (hop\$4 near3 frequency\$4) near9 ((signal near3 ratio) or SNR (bit near3 rate) or (signal near3 interference) or (carrier near3 interference) or (I adj C) RSSI power signal bandwidth or (speed near2 data) or (quality near3 service)) same ((next adjacent\$4) near5 ((base near2 station)(access near3 point\$4))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:25 |
| S34 | 15 | S27 and S33   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:19 |

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| S35 | 27  | (hop\$4 near3 frequency\$4) with ((signal near3 ratio) or SNR (bit near3 rate) or (signal near3 interference) or (carrier near3 interference) or (I adj C) RSSI power signal bandwidth or (speed near2 data) or (quality near3 service)) same ((next adjacent\$4) near5 ((base near2 station)(access near3 point \$4))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:26 |
| S36 | 27  | (hop\$4 near3 frequency\$4) with ((signal near3 ratio) or SNR (bit near3 rate) or (signal near3 interference) or (carrier near3 interference) or (I adj C) RSSI power signal bandwidth or (speed near2 data) or (quality near3 service)) same ((next adjacent\$4) near5 ((base near3 station)(access near3 point \$4))) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:29 |
| S38 | 19  | S27 and S36   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:27 |
| S39 | 496 | (hop\$4 near3 frequency\$4) near10((signal near3 ratio) or SNR (bit near3 rate) or (signal near3 interference) or (carrier near3 interference) or (I adj C) RSSI power signal bandwidth or (speed near2 data) or (quality near3 service)) same ((base near3 station)(access near3 point\$4))                            | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:30 |
| S40 | 496 | (hop\$4 near3 frequency\$4) near10 ((signal near3 ratio) or SNR (bit near3 rate) or (signal near3 interference) or (carrier near3 interference) or (I adj C) RSSI power signal bandwidth or (speed near2 data) or (quality near3 service)) same ((base near3 station)(access near3 point\$4))                           | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>13:45 |
| S41 | 242 | S27 and S40   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>12:31 |

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| S42 | 89       | (hop\$4 near3 frequency\$4)<br>near10 ((signal near3 ratio) or<br>SNR (bit near3 rate) or (signal<br>near3 interference) or (carrier<br>near3 interference) or (I adj C)<br>RSSI power signal bandwidth or<br>(speed near2 data) or (quality<br>near3 service)) same controller<br>same ((base near3 station)<br>(access near3 point\$4))  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>13:45 |
| S43 | 6        | (hop\$4 near3 frequency\$4)<br>near10 ((signal near3 ratio) or<br>SNR (bit near3 rate) or (signal<br>near3 interference) or (carrier<br>near3 interference) or (I adj C)<br>RSSI power signal bandwidth or<br>(speed near2 data) or (quality<br>near3 service)) same controller<br>same (next adjacent\$4 neighb<br>\$6) near6 ((base near3 station)<br>(access near3 point\$4)) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>13:47 |
| S44 | 39       | S27 and S42  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>14:07 |
| S47 | 2        | "5396541".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>15:58 |
| S48 | 2        | "6295310".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/04/20<br>15:58 |
| S49 | 20862932 | @ad<="19990802" or<br>@rlad<="19990802" or<br>@ptad<="19990802" or<br>@pt1d<="19990802" or<br>@pt3d<="19990802"  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/18<br>13:45 |
| S50 | 460      | (frequency\$4 near3 hop\$4)<br>near12 ((signal\$4 power) near4<br>(strength\$4 level))   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/18<br>13:47 |
| S51 | 192      | S49 and S50  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/08/18<br>13:49 |

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